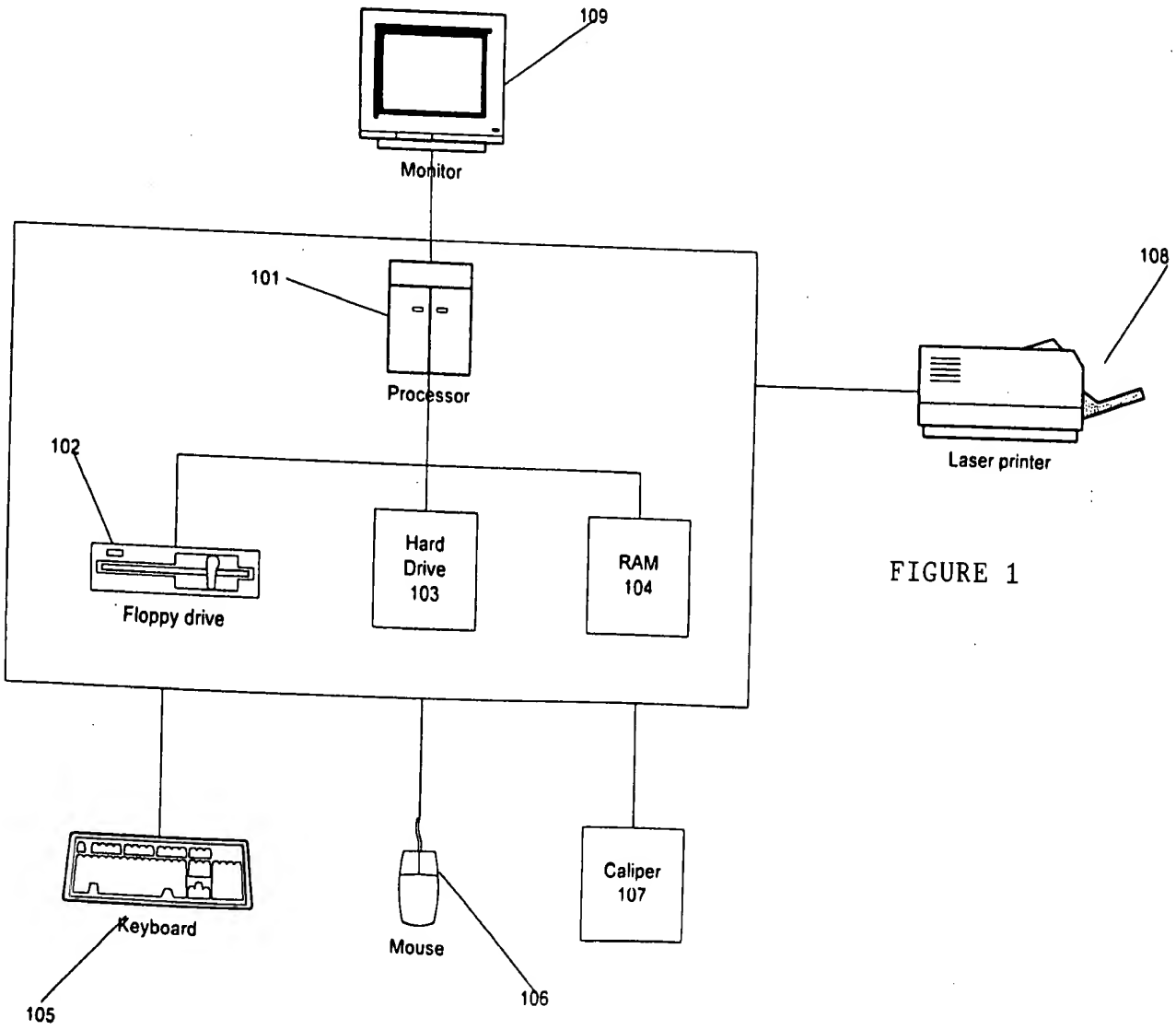

FIGURE 1

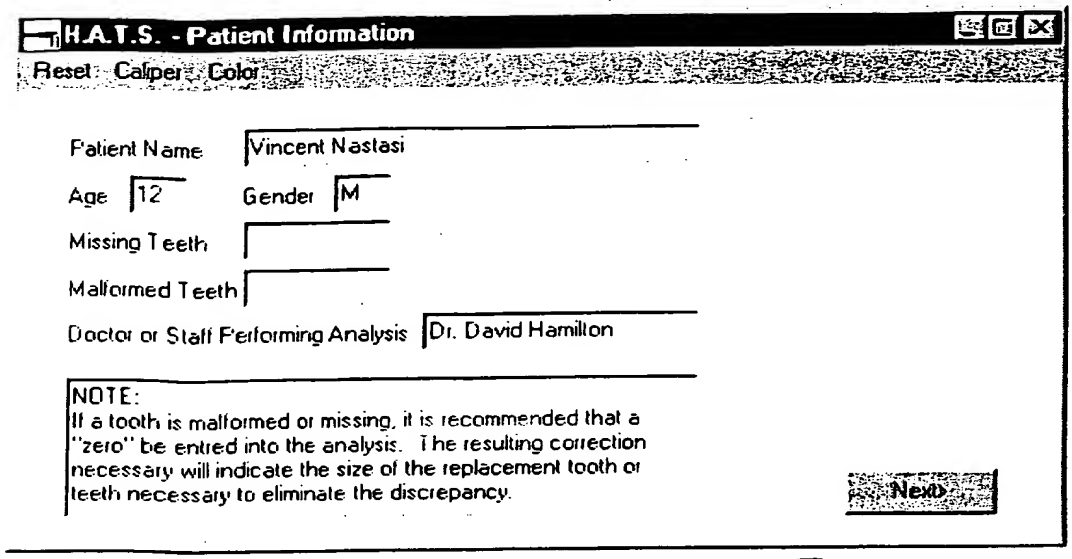

Figure 2A

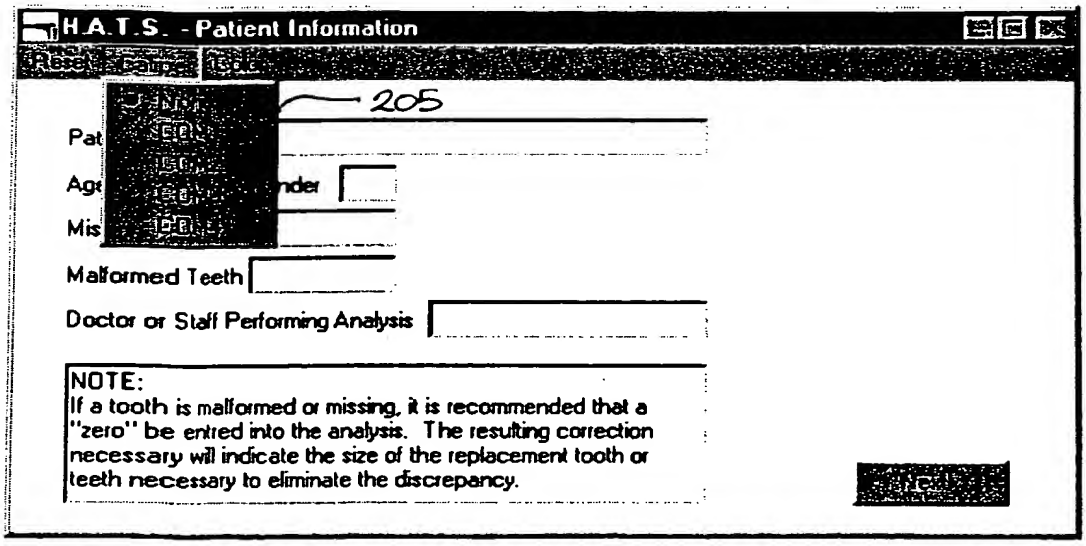

Figure 2B

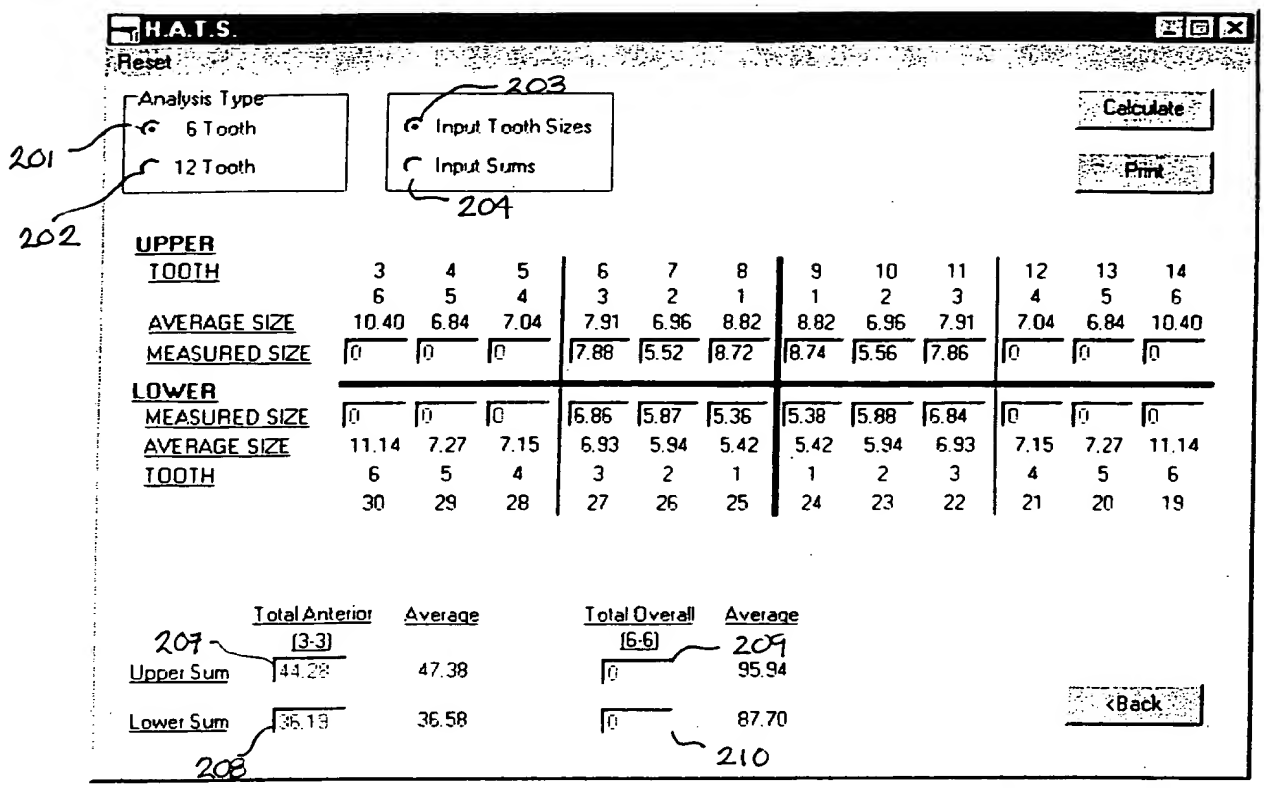

Figure 2C

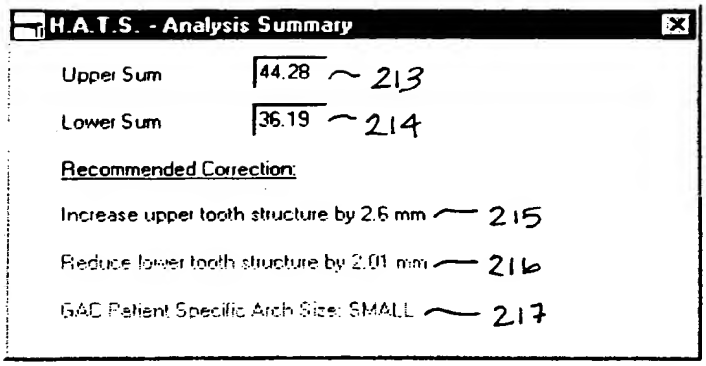

Figure 2D

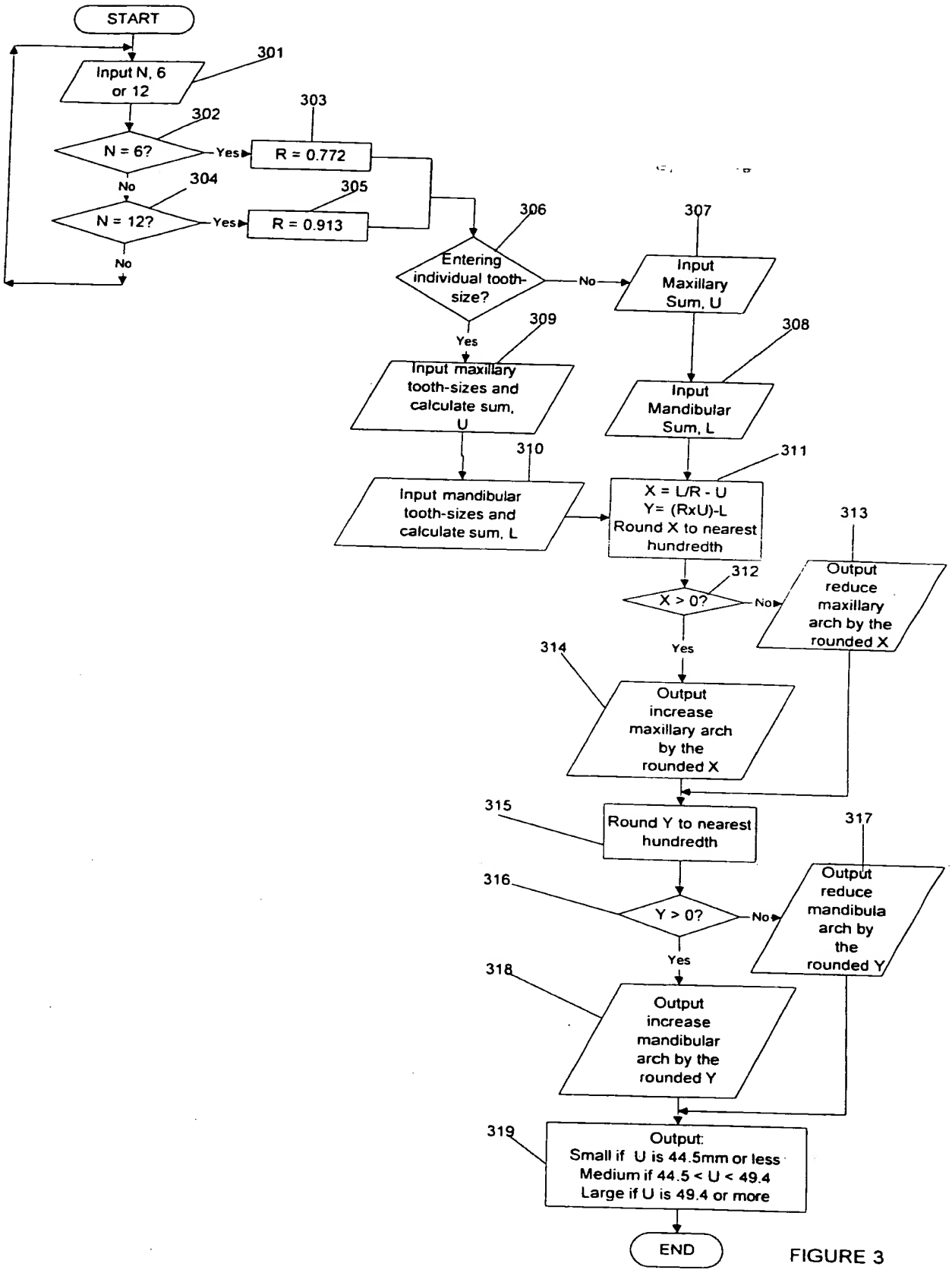
START
Input N, 6 or 12
301
N = 6?
302
Yes
R = 0.772
303
No
N = 12?
304
Yes
R = 0.913
305
No
Entering individual tooth-size?
306
No
Input Maxillary Sum, U
307
Yes
Input maxillary tooth-sizes and calculate sum, U
309
Input Mandibular Sum, L
308
Input mandibular tooth-sizes and calculate sum, L
310
X = L/R - U
Y= (RxU)-L
Round X to nearest hundredth
311
X > 0?
312
No
Output reduce maxillary arch by the rounded X
313
Yes
Output increase maxillary arch by the rounded X
314
Round Y to nearest hundredth
315
Y > 0?
316
No
Output reduce mandibula arch by the rounded Y
317
Yes
Output increase mandibular arch by the rounded Y
318
Output:
Small if U is 44.5mm or less
Medium if 44.5 < U < 49.4
Large if U is 49.4 or more
319
END

FIGURE 3

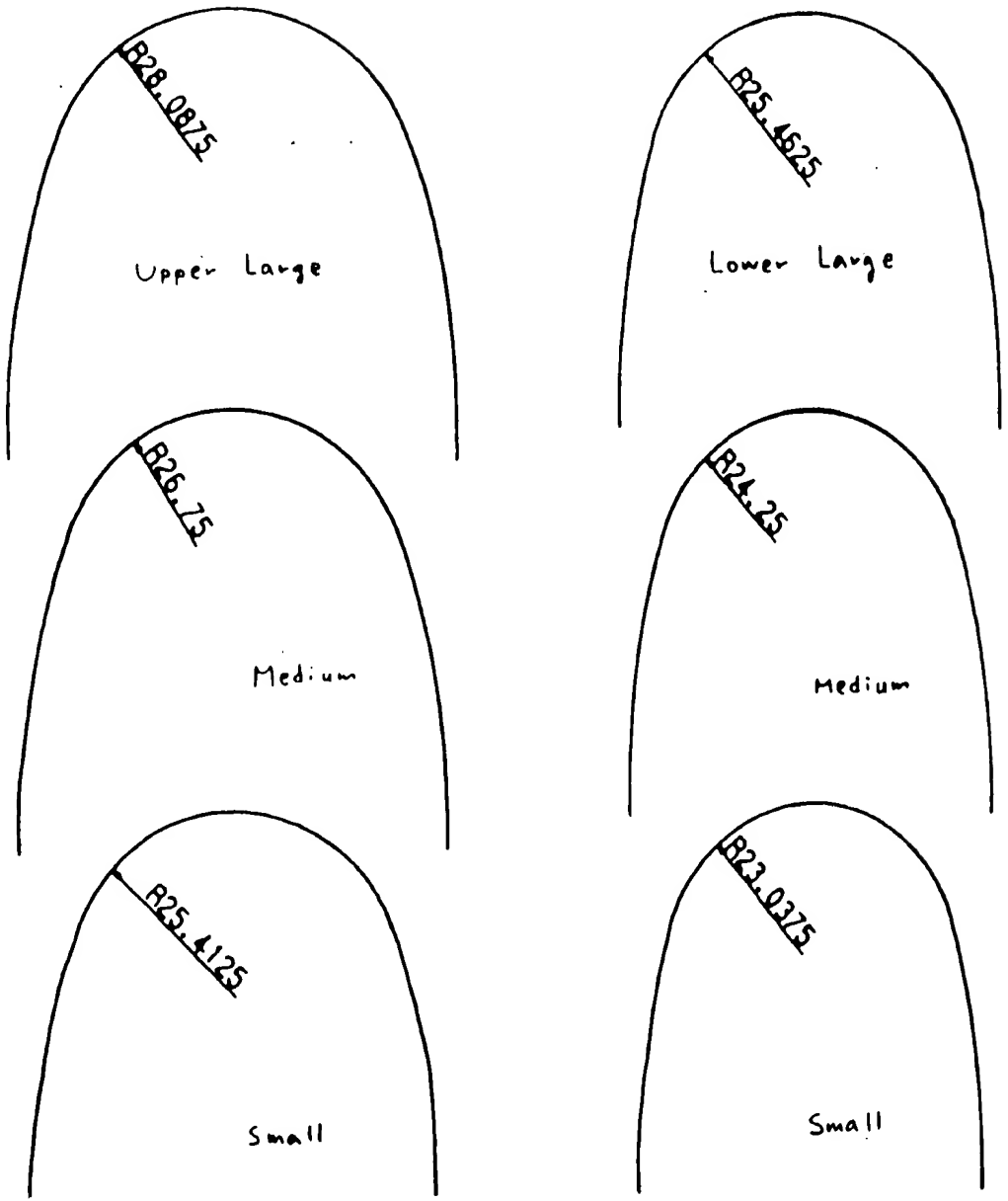

FIGURE 4